

Source Group	Source ID	Source
<b>Agriculture</b>		
	4	Animal Feeding Operations (NPS)
	5	Animal Shows and Racetracks
	6	Aquaculture (Not Permitted)
	7	Aquaculture (Permitted)
	11	Auction Barns
	30	Crop Production with Subsurface Drainage
	31	Dairies (Outside Milk Parlor Areas)
	46	Grazing in Riparian or Shoreline Zones
	73	Managed Pasture Grazing
	87	Non-irrigated Crop Production
	108	Rangeland Grazing
	123	Specialty Crop Production
	143	Livestock (Grazing or Feeding Operations)
	144	Crop Production (Crop Land or Dry Land)
	156	Agriculture
	161	Pesticide Application
	173	Manure Runoff
	174	Unrestricted Cattle Access
	179	Lake Fertilization
<b>Non-Point Sources</b>		
	8	Atmospheric Depositon - Acidity
	9	Atmospheric Depositon - Nitrogen
	10	Atmospheric Depositon - Toxics
	16	Cercla NPL (Superfund) Sites
	24	Commercial Districts (Industrial Parks)
	26	Commercial Districts (Shopping/Office Complexes)
	67	Land Application of Wastewater (Non-agricultural)
	68	Land Application of Wastewater Biosolids (Non-agricultural)
	84	Municipal (Urbanized High Density Area)
	92	On-site Treatment Systems (Septic & Similar Decentralized Systems)
	97	Other Spill Related Impacts
	111	Residential Districts
	122	Site Clearance (Land Development or Redevelopment)
	130	Unpermitted Discharge (Domestic Wastes)
	131	Unpermitted Discharge (Industrial/commercial Wastes)
	133	Wastes from Pets
	134	Waterfowl
	136	Wildlife Other than Waterfowl
	141	Non-Point Source
	146	Sources Outside State Jurisdiction or Borders
	153	Wet Weather Discharges (Non-Point Source)
	161	Pesticide Application

Source Group	Source ID	Source
	162	Watershed Runoff following Forest Fire
	169	Unspecified Urban Stormwater
	171	Unspecified Land Disturbance
	175	Contaminated Groundwater
	177	<b>Urban Runoff/Storm Sewers</b>
	181	Runoff from Forest/Grassland/Parkland
	141	<b>Non-Point Source</b>
	185	<b>Failing Infrastructure (sanitary sewers)</b>
<b>Habitat Impacts</b>		
	19	<b>Channel Erosion/Incision from Upstream Hydromodifications</b>
	20	<b>Channelization</b>
	21	Clean Sediments
	36	Drainage/Filling/Loss of Wetlands
	38	<b>Dredging (e.g., for Navigation Channels)</b>
	42	Flow Alterations from Water Diversions
	44	Freshettes or Major Flooding
	51	Historic Bottom Deposits (Not Sediment)
	52	Hydrostructure Impacts on Fish Passage
	71	Littoral/shore Area Modifications (Non-riverine)
	72	<b>Loss of Riparian Habitat</b>
	125	<b>Streambank Modifications/destablization</b>
	132	<b>Upstream Impoundments (e.g., PI-566 NRCS Structures)</b>
	157	<b>Habitat Modification - other than Hydromodification</b>
	163	Low Water Crossing
	186	Shallow lake or reservoir basin
<b>Silviculture</b>		
	43	<b>Forest Roads (Road Construction and Use)</b>
	101	Permitted Silvicultural Activities
	118	Silviculture - Large Scale (Industrial) Unpermitted Forestry
	119	Silviculture Harvesting
	120	Silviculture Plantation Management
	121	Silviculture Reforestation
	137	<b>Woodlot Site Clearance (majority of KY forestland in private ownership)</b>
	138	<b>Woodlot Site Management (sm. private tree farms)</b>
	158	Silviculture, Fire Suppression
	161	Pesticide Application
	162	Watershed Runoff following Forest Fire
	166	<b>Silviculture Activities</b>
<b>Resource Extraction</b>		
	37	Dredge Mining (e.g. Coal removal from Big Sandy R. channel)

Source Group	Source ID	Source
	2	Acid Mine Drainage
	22	Coal Mining Discharges (Permitted)
	47	<b>Hardrock Mining Discharges (Permitted)</b>
	48	Heap-leach Extraction Mining
	56	<b>Impacts from Abandoned Mine Lands (Inactive)</b>
	82	Mine Tailings
	83	<b>Mountaintop Mining</b>
	93	Open Pit Mining
	102	<b>Petroleum/natural Gas Activities</b>
	103	Petroleum/natural Gas Production Activities (Permitted)
	105	Placer Mining
	114	<b>Sand/gravel/rock Mining or Quarries</b>
	126	Subsurface (Hardrock) Mining
	127	<b>Surface Mining</b>
	159	Reclamation of Inactive Mining
	165	<b>Coal Mining</b>
	172	Potash Mining
	178	<b>Coal Mining (Subsurface)</b>
	184	<b>Coal Mining (Surface/Subsurface)</b>
<b>Municipal Point Sources</b>		
	23	Combined Sewer Overflows (Few of these in KY, mostly located in cities along Ohio River)
	33	Discharges from Biosolids (SLUDGE) Storage, Application or Disposal
	34	Discharges from Municipal Separate Storm Sewer Systems (MS4)
	85	<b>Municipal Point Source Discharges</b>
	86	Municipal Point Source Impacts from Inadequate Industrial/Commercial Pretreatment
	86	Municipal Point Source Impacts from Inadequate Industrial/Commercial Pretreatment
	99	Package Plant or Other Permitted Small Flows Discharges
	115	<b>Sanitary Sewer Overflows (Collection System Failures)</b>
	128	Total Retention Domestic Sewage Lagoons
	185	Failing Treatment Infrastructure associated with Sanitary Sewers (leaking collection system)
	135	Wet Weather Discharges (Point Source and Combination of Stormwater, SSO or CSO)
<b>Transportation</b>		
	3	Airports
	12	Ballast Water Releases
	15	Cargo Loading/Unloading
	25	Commercial Ferries
	49	<b>Highway/Road/Bridge Runoff (Non-construction Related)</b>
	50	Highways, Roads, Bridges, Infrastructure (New Construction)
	112	Salt Storage Sites
	124	Spills from Trucks or Trains

Source Group	Source ID	Source
	170	Unspecified Unpaved Road or Trail
<b>Industrial Sources</b>		
	61	Industrial Land Treatment
	62	Industrial Point Source Discharge
	63	Industrial Thermal Discharges
	64	Industrial/Commercial Site Stormwater Discharge (Permitted)
	122	Site Clearance (Land Development or Redevelopment)
<b>Recreation Sources</b>		
	95	Other Recreational Pollution Sources
	45	Golf Courses
	60	Impacts from Resort Areas (Winter and Non-winter Resorts)
	91	Off-road Vehicles
	106	Pollutants from Public Bathing Areas
	181	Runoff from Forest/Grassland/Parkland
<b>Sediments</b>		
	28	Contaminated Sediments
	65	Internal Nutrient Recycling
	148	Sediment Resuspension (Clean Sediment)
	149	Sediment Resuspension (Contaminated Sediment)
<b>Marina/Boating Sources</b>		
	74	Marina Boat Construction
	75	Marina Boat Maintenance
	76	Marina Dredging Operations
	77	Marina Fueling Operations
	78	Marina-related Shoreline Erosion
	79	Marina/boating Pumpout Releases
	80	Marina/Boating Sanitary On-vessel Discharges
	94	Other Marina/Boating On-vessel Discharges
	117	Shipbuilding, Repairs, Drydocking
<b>Water Quantity or Withdrawal</b>		
	13	Baseflow Depletion from Groundwater Withdrawals
	113	Saltwater Intrusion from Groundwater Overdrafting
	152	Transfer of Water from an Outside Watershed
<b>Permitted Sources (other)</b>		
	1	Above Ground Storage Tank Leaks (Tank Farms)
	8	Atmospheric Depositon - Acidity
	9	Atmospheric Depositon - Nitrogen

Source Group	Source ID	Source
	10	Atmospheric Depositon - Toxics
	27	Construction Stormwater Discharge (Permitted)
	69	Landfills
	70	Leaking Underground Storage Tanks
	109	Rcra Hazardous Waste Sites
	146	Sources Outside State Juristiction or Borders
	<b>153</b>	<b>Wet Weather Discharges (Non-Point Source)</b>
	175	Contaminated Groundwater
<b>Inappropriate or Illegal</b>		
<b>Waste Disposal</b>		
	<b>54</b>	<b>Illegal Dumps or Other Inappropriate Waste Disposal</b>
	55	Illicit Connections/Hook-ups to Storm Sewers
	116	Septage Disposal
	130	Unpermitted Discharge (Domestic Wastes)
	160	Inappropriate Waste Disposal
	167	Unspecified Domestic Waste (e.g. straight-pipes)
Preferred over 167	<b>168</b>	<b>Sewage Discharges in Unsewered Areas</b>
<b>Other</b>		
	17	Changes in Ordinary Stratification and Bottom Water Hypoxia/Anoxia
	39	Drought-related Impacts
	57	Impacts from Geothermal Development
	65	Internal Nutrient Recycling
	<b>92</b>	<b>On-site Treatment Systems (Septic &amp; Similar Decentralized Systems)</b>
	<b>140</b>	<b>Source Unknown</b>
	145	Natural Conditions - Water Quality Standards Use Attainability Analyses Needed
	147	Upstream Source
	150	Forced Drainage Pumping
	151	Naturally Occurring Organic Acids
	154	Upstream/Dowstream Source
	155	Natural Sources
	176	Rural (Residential Areas)
Sources in bold type are the most common ones used by DOW	<b>180</b>	<b>Introduction of Non-native Organisms (Accidental or Intentional)</b>